

NEW ABSTRACT

A disposable absorbent article has a topsheet, a backsheet, and an absorbent core. The absorbent core is disposed between the topsheet and the backsheet. The absorbent core includes a storage layer and a durable hydrophilic core wrap. The core wraps surrounds at least a portion of the storage layer. Additionally, the core wrap includes a core wrap substrate and a hydrophilicity boosting composition coated on the core wrap. The hydrophilicity boosting composition includes a hydrophilicity boosting amount of nanoparticles. The nanoparticles have a particle size of from about 1 to about 750 nanometers. The core wrap has been treated with a high energy surface treatment.